

FIG. 1A

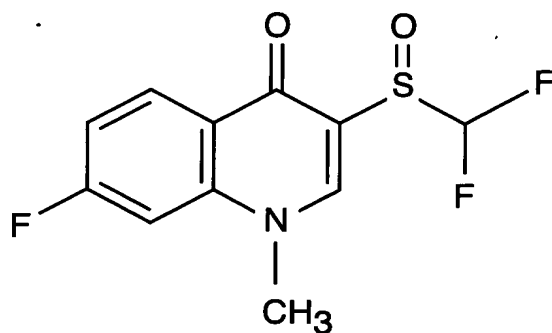


FIG. 1B

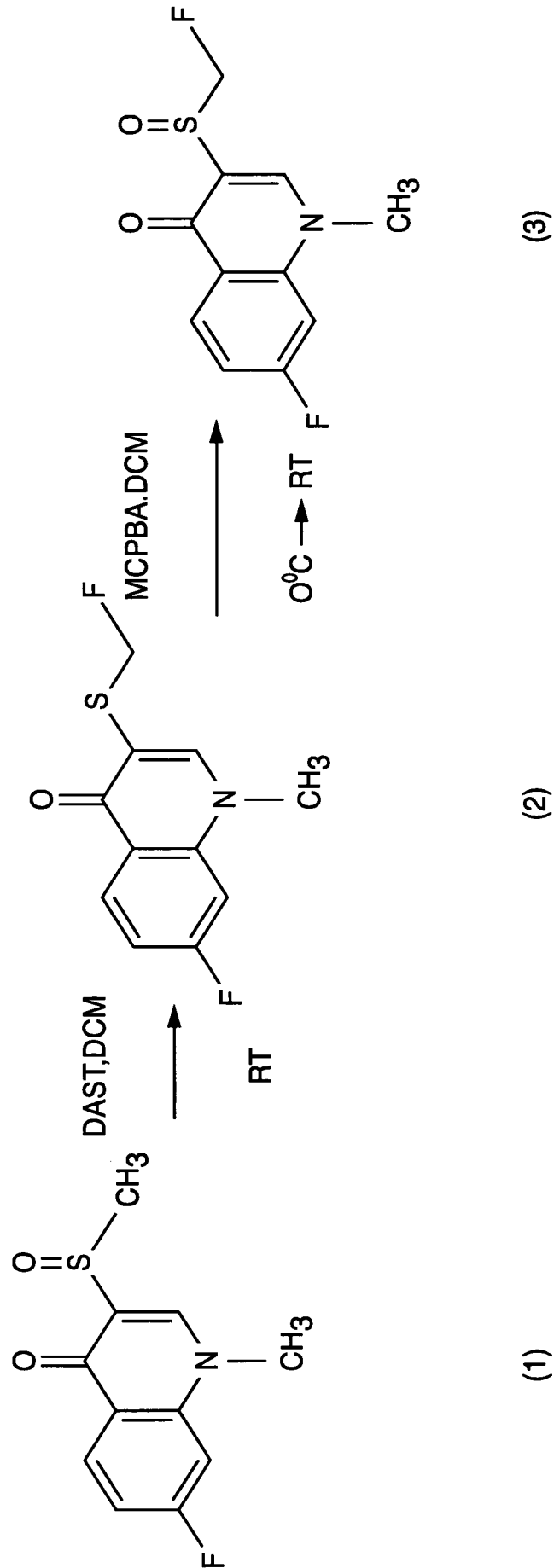


FIG. 2

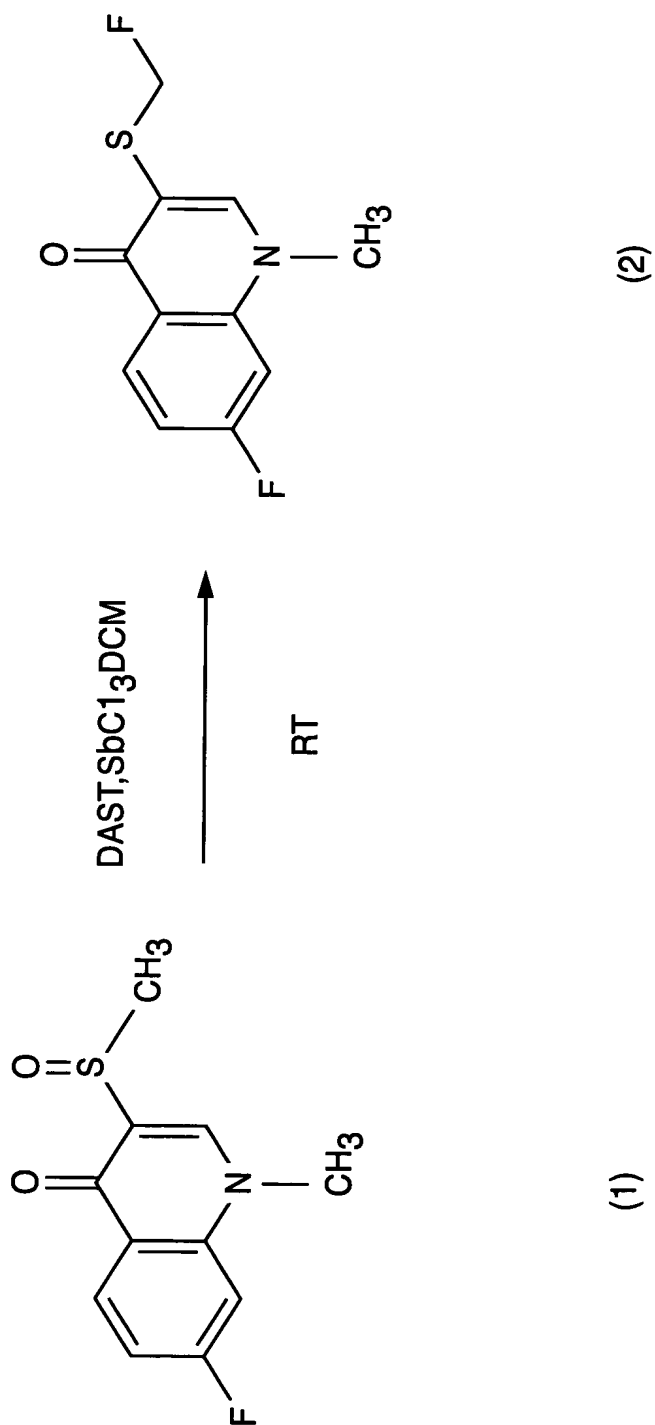


FIG. 3

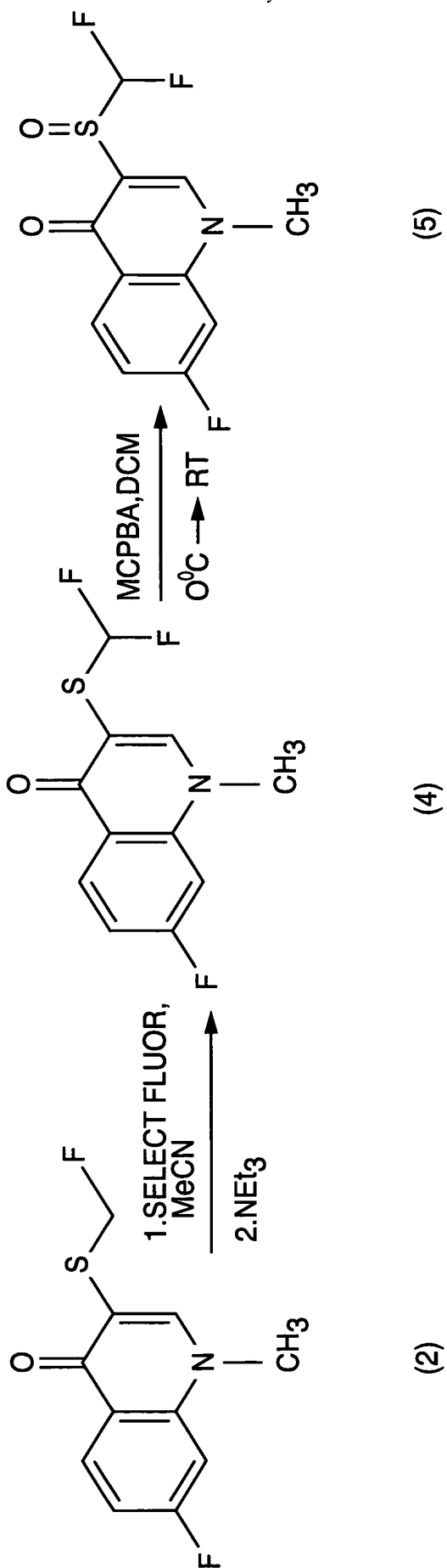


FIG. 4

CAT.#	TARGET	BATCH [†] SPP. n=	CONC.	†%INHIBITION -100 -50 0 50 100 % ↓ ↓ ↓ ↓ ↓ ↓	IC ₅₀ K ₁ n _H R
146000	PHOSPHODIESTERASE PDE1	45373	bov 2 100μM	29	
148000	PHOSPHODIESTERASE PDE2	45375	hum 2 100μM	10	
152000	PHOSPHODIESTERASE PDE3	45376	hum 2 100μM	2	
154000	PHOSPHODIESTERASE PDE4	45253	hum 2 100μM	12	
156000	PHOSPHODIESTERASE PDE5	45452	hum 2 100μM	4	
156100	PHOSPHODIESTERASE PDE6	45453	bov 2 100μM	23	
180010	PROTEIN SERINE/THREONINE KINASE PKCα	45273	hum 2 1000μM	10	
178010	PROTEIN SERINE/THREONINE KINASE PKC, NON-SELECTIVE	45090	rat 2 1000μM	74	
◆		45491	rat 2 300μM	54	
◆			2 100μM	50	
214510	CALCIUM CHANNEL TYPE L, BENZOTHIAZEPINE	45139	rat 2 1000μM	13	
214600	CALCIUM CHANNEL TYPE L, DIHYDROPYRIDINE	45167	rat 2 1000μM	27	
215000	CALCIUM CHANNEL TYPE L, PHENYLALKYLAMINE	45262	rat 2 1000μM	7	
242500	INOSITOL TRIPHOSPHATE IP ₃	45039	rat 2 1000μM	17	

[†]BATCH: REPRESENTS COMPOUNDS TESTED CONCURRENTLY IN THE SAME ASSAY(S).

◆ DENOTES ITEM MEETING CRITERIA FOR SIGNIFICANCE

[†]RESULTS WITH ≥ 50% STIMULATION OR INHIBITION ARE BOLDFACED.

(NEGATIVE VALUES CORRESPOND TO STIMULATION OF BINDING ENZYME ACTIVITY)

R=ADDITIONAL COMMENTS bov=BOVINE; hum=HUMAN

FIG. 5

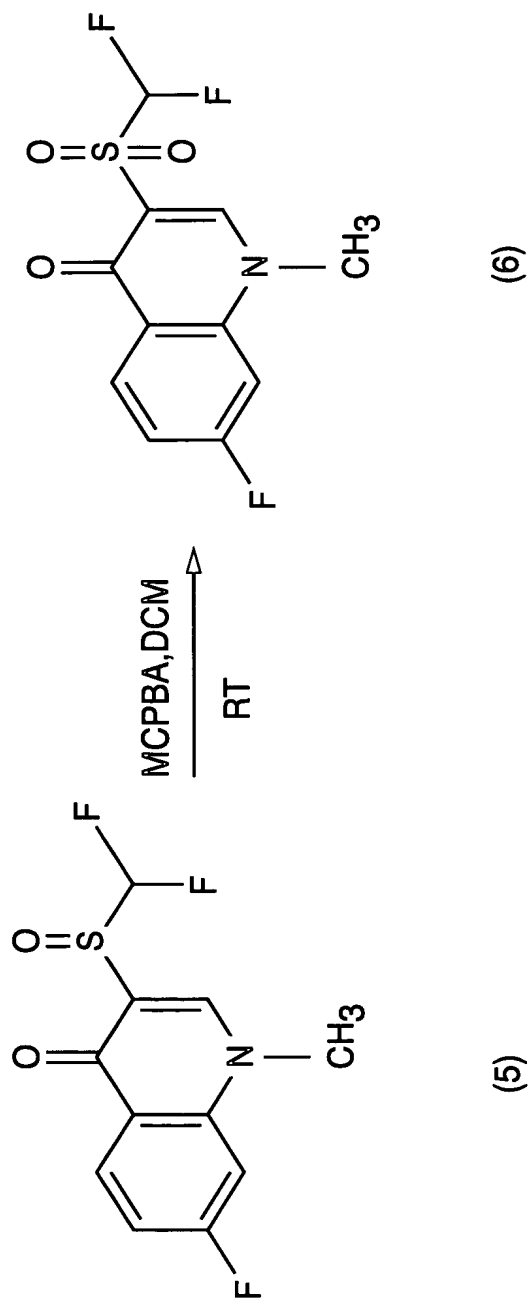


FIG. 6

CAT.#	TARGET	BATCH [†] SPP. n=	CONC.	†%INHIBITION % -100 -50 0 50 100 ↓ ↓ ↓ ↓ ↓ ↓	IC ₅₀
◆ 146000	PHOSPHODIESTERASE PDE1	47821	bov 2 1000μM	50	385μM
◆		48192	bov 2 1000μM	55	
			2 100μM	45	
			2 10μM	17	
			2 1μM	12	
148000	PHOSPHODIESTERASE PDE2	47677	hum 2 1000μM	-7	418μM
◆ 152000	PHOSPHODIESTERASE PDE3	47676	hum 2 1000μM	66	
◆		48194	hum 2 1000μM	55	
			2 100μM	44	
			2 10μM	6	
			2 1μM	-1	
154000	PHOSPHODIESTERASE PDE4	47675	hum 2 1000μM	25	
156000	PHOSPHODIESTERASE PDE5	47674	hum 2 1000μM	28	
156100	PHOSPHODIESTERASE PDE6	47672	bov 2 1000μM	24	
178010	PROTEIN SERINE/THREONINE				
◆	KINASE PKC, NON-SELECTIVE	47916	rat 2 1000μM	64	644μM
◆		48199	rat 2 1000μM	57	
			2 100μM	24	
			2 10μM	0	
			2 1μM	-2	

FIG. 7

CAT.#	TARGET	BATCH [†] SPP. n=	CONC.	†%INHIBITION	IC ₅₀
♦ 146000	PHOSPHODIESTERASE PDE1	47821	bov	2 1000μM	385μM
♦		48192	bov	2 1000μM	
			2 100μM	45	
			2 10μM	17	
			2 1μM	12	
148000	PHOSPHODIESTERASE PDE2	47677	hum	2 1000μM	418μM
♦ 152000	PHOSPHODIESTERASE PDE3	47676	hum	2 1000μM	
♦		48194	hum	2 1000μM	
			2 100μM	55	
			2 10μM	44	
			2 1μM	6	
			2 1μM	-1	
154000	PHOSPHODIESTERASE PDE4	47675	hum	2 1000μM	
156000	PHOSPHODIESTERASE PDE5	47674	hum	2 1000μM	
156100	PHOSPHODIESTERASE PDE6	47672	bov	2 1000μM	
178010	PROTEIN SERINE/THREONINE			24	
♦	KINASE PKC, NON-SELECTIVE	47916	rat	2 1000μM	644μM
♦		48199	rat	2 1000μM	
			2 100μM	57	
			2 10μM	24	
			2 1μM	0	
			2 1μM	-2	

FIG. 8